



Techno Societal-2022

4th International Conference on Advanced Technologies for Societal Applications
09th & 10th December 2022

Organized by

SVERI's College of Engineering, Pandharpur
SVERI's College of Engineering (Polytechnic), Pandharpur
SVERI's College of Pharmacy, Pandharpur
SVERI's College of Pharmacy (Polytechnic), Pandharpur



Background of Conference

Bhabha Atomic Research Centre (BARC), Mumbai decided to bring the faculty members of various Engineering Colleges together to solve the regional relevant problems under the guidance of eminent researchers from various reputed organizations. The first theme meeting in 2012 with all those eminent researchers helped to share their experiences of collaborative research and product development to explore the use of advanced technology in the service of rural India. The second theme meeting held at Walchand College of Engineering, Sangli was also encouraging through involvement of various faculty members of engineering colleges. The third, fourth and fifth theme meetings were held at Shri Vithal Education and Research Institute (SVERI), Pandharpur in the years 2014, 2015 and 2017 whereby more than 150 participants from Engineering Colleges all over Maharashtra participated.

During these theme meetings, it was decided to involve the international community to exchange ideas on societal problems, through technology. Therefore, the first International Conference on Advanced Technologies for Societal Applications was organised on 20th and 21st December, 2016 and the second on 14th and 15th December 2018, followed by the third conference on 14th and 15th December, 2020.

Techno-Societal: 2016 was the first International Conference aimed at creating a growing sense of responsibility to solve the challenges of society, especially through technology. More than 400 papers were submitted out of which 193 full papers were selected for publication. In the second conference **Techno-Societal: 2018** more than 350 papers were submitted out of which 195 full papers were selected for publication. During this conference, the sessions of 20 keynote speakers were arranged in order to give direction and contribute to specific areas of research. By keeping the same spirit, in spite of the COVID-19 Pandemic, the third International Conference **Techno-Societal: 2020** was organised in Online Mode. For this conference, around 367 papers were received out of which 211 full papers were selected for publication. The participants of the conference were addressed by 10 international and 10 national level speakers. The proceedings of the conference were published by Springer, a reputed international publisher. Technology has a remarkable influence on society in general and on human life in particular. Society has a cyclic and mutual dependence on technology. Technology has created many avenues and opportunities that were hitherto unimaginable. Since it has become a part of people's living rooms, the needs and demands for safe technology have been on the rise. Improper use of technology has raised many flags of concern over the environment and the overall well-being of society. Technology is needed for activities such as communication, travel, trade and commerce, education, medicine, and so on. Thus, it is high time to create technologies that are safe and relevant to societal needs. We have come up to tackle some of the most compelling issues of society. It is no longer adequate to work in cells, taking on small sections of the problem at a time. Rather, it is imperative to pool knowledge and resources around the world to create opportunities, empowered by technology, for society to improve human life.

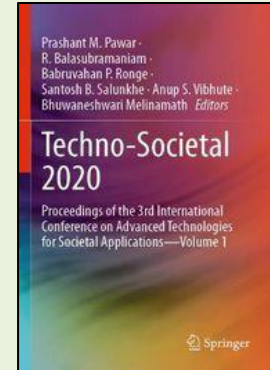
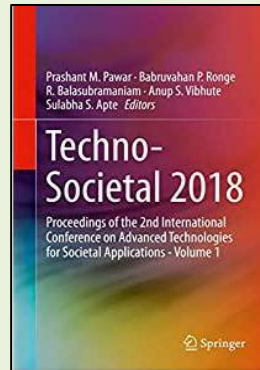
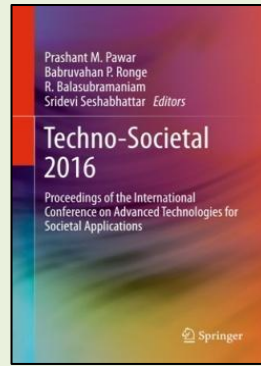
So, this conference offers a multidisciplinary platform for researchers from a broad range of disciplines of Science, Engineering and Technology for reporting innovations at different levels. The key motivation for developing these technologies is to bring change into society. These technologies may be for the betterment of Differently Aabled People, Environment, Livelihood, Rural Employment, Agricultural, Healthcare, Energy, Transportation, Sanitation, Water, Education, etc.

This conference will also help innovators to share their best practices or products developed to solve regional relevant problems. This back-and-forth process of local-global interaction will help in solving local problems with a global approach and help in solving global problems by improving local conditions.

Contact

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Abstract Submission on <http://techno.sveri.ac.in>





Tentative Topics in Techno Societal-2022

- Advanced Technologies for Water, Energy, Transportation, Housing and Sanitation
- Mechatronics, Micro-Nano Related for Bio and Societal Applications
- Chemical and Physical Processes
- Commercially Successful Rural and Agriculture based Technologies
- Deployable Environment or Health Care related Technologies
- Holistic Approach for Sustainable Technologies
- ICT based Societal Technologies
- Lab-Level Advanced Societal Technologies
- Sensor, Image and Data-driven Societal Technologies
- Technologies for Generation of Rural and Agricultural Employment
- Manufacturing and Fabrication Processes for Societal Applications
- Engineering for Rural Development
- Indian Rural Challenges
- Nutraceuticals & Traditional Medicines, Artificial Intelligence in Healthcare System, Novel Drug Delivery Systems, Biologics & Vaccine Development and Biosensors

Why Techno Societal-2022

- Opportunity for changing Society through Technology
- Demonstration of developed technologies to the right audience
- Rural location of a conference to get regional relevant inputs
- Existing Societal Model of SVERI may inspire
- Interaction with the multi-disciplinary scientific community
- Opportunity to get research work published in relevant journals
- Exposure to funding agencies
- Spiritual Connect of Pandharpur and Agri-Connect of Rural Pandharpur

Who can attend? : **Scientific Community who has developed some products, processes or theoretical application to solve any societal problems.**

How to submit Paper?

<https://easychair.org/conferences/?conf=technosocietal2022>

<http://techno.sveri.ac.in>

Deadline for Abstract Submission and early registration: 31st August, 2022

Acceptance of Abstract: 15th September, 2022

Deadline for Final Paper Submission: 30th October, 2022.

Where is Conference? SVERI's College of Engineering, Pandharpur,
Dist.: Solapur web: www.sveri.ac.in

Registration Fee

Faculty:

Rs. 4000/- Offline Mode,

Rs. 2000/- Online Mode

Students:

Rs. 2000/- Offline Mode,

Rs. 1000/- Online Mode

Delegates from Industry:

Rs. 10000/- Offline Mode

Rs. 5000/- Online Mode

Chairman Organising and Convener

Dr. Babruvahan P. Ronge (Founder Secretary of SVERI & Principal, SVERI's COE, Pandharpur)

Co-convener

Dr. Prashant M. Pawar (Dean, Academics, SVERI's COE, Pandharpur)

Coordinator

Dr. Ranjitsinha R. Gidde (Dean, R & D, SVERI's COE, Pandharpur)

Mode of Conduction

Offline and Online